

Please type a plus sign (+) inside this box



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| UTILITY PATENT APPLICATION TRANSMITTAL | | <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> |
| Attorney Docket No. 42P16768 | | |
| First Inventor Hok-Kin Choi, et al. | | |
| Title PREPARATION OF ELECTROLESS DEPOSITION SOLUTIONS | | |
| Express Mail Label No. EV 331619295 US | | |

| | | |
|---|--|--|
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i> | | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3]</p> <p>5. Oath or Declaration (signed) [Total Pages 6]</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all of the following are necessary)</i></p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> <input type="checkbox"/> Application Amended to Reflect Claim of Priority</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Express Certificate of Mailing, Transmittal of Formal Drawings</p> | | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

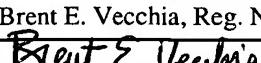
of prior application No: _____

Prior application Information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | | | |
|---|---|-----------|----------------|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |  | *08791* | or | <input checked="" type="checkbox"/> Correspondence address below |
| Name | Brent E. Vecchia, Reg. No. 48,011 Blakely, Sokoloff, Taylor & Zafman LLP | | | |
| Address | 12400 Wilshire Boulevard, Seventh Floor | | | |
| City | Los Angeles | State | California | Zip Code |
| Country | USA | Telephone | (303) 740-1980 | Fax |

| | | | |
|-------------------|---|-----------------------------------|--------|
| Name (Print/Type) | Brent E. Vecchia, Reg. No. 48,011 | Registration No. (Attorney/Agent) | 48,011 |
| Signature |  | | |
| | Date JUNE 26, 2003 | | |

32190 U.S.P.T.O. 10/609443



06/26/03

16558 U.S.
PTO
06/26/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

1,120.00

Complete if Known

| | |
|----------------------|--------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Hok-Kin Choi |
| Examiner Name | |
| Group/Art Unit | |
| Attorney Docket No. | 42P16768 |

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|------------------------|---------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | (\$) | | 750.00 | |

2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|-----------------|
| 29 | 5 | | 20* | = 9 X 18.00 = | \$162.00 |
| | | | 3* | = 2 X 84.00 = | \$168.00 |
| | | | | | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 | |
| 1203 | 280 | 2203 | 140 | Multiple Dependent claim, if not paid | |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | (\$) | | 330.00 | |

**or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|------------------------------------|--------------|--|----------|
| Fee Code | Fee (\$) | Fee Code (\$) | |
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| 2053 | 130 | 2053 130 Non-English specification | |
| 1812 | 2,520 | 1812 2,520 For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 920 * Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 1,840 * Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 55 Extension for reply within first month | |
| 1252 | 410 | 2252 205 Extension for reply within second month | |
| 1253 | 930 | 2253 465 Extension for reply within third month | |
| 1254 | 1,450 | 2254 725 Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 985 Extension for reply within fifth month | |
| 1404 | 320 | 2401 160 Notice of Appeal | |
| 1402 | 320 | 2402 160 Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 140 Request for oral hearing | |
| 1451 | 1,510 | 2451 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 55 Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 650 Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 650 Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 235 Design issue fee | |
| 1503 | 630 | 2503 315 Plant issue fee | |
| 1460 | 130 | 2460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Prosessing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 750 | 1809 375 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 375 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 750 | 2801 375 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | |
| Other fee (specify) | | | |
| * Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) | | (\$) | |
| | | 40.00 | |

Complete (if applicable)

| | | | | | |
|-------------------|------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Brent E. Vecchia | Registration No. (Attorney/Agent) | 48,011 | Telephone | (303) 740-1980 |
| Signature | Brent E. Vecchia | | | Date | JUNE 26, 2003 |

Application No.: Filing Date: Docket #: 042390.P16768

Date Mailed: 06/26/2003 Due Date(s): _____

Client: INTEL CORPORATION

Atty/Sec: BEV/kam

Title: PREPARATION OF ELECTROLESS DEPOSITION SOLUTIONS

First Named Inventor: Hok-Kin Choi

The following has been received in the U.S.P.T.O. on the date stamped hereon:

Application: Utility (24 pages with cover & abstract)

Assignment & Cover Sheet (4 pgs)

Declaration & POA (6 pgs)(signed)

Drawings: 3 sheets, 3 figures

Express Mail No.: EV 331619295 US

Fee Transmittal (original & copy)

Information Disclosure Statement & PTO/SB/08 (7 pgs)

Transmittal of Formal Drawings

Transmittal Letter

Copies of the 56 cited references.

Check No. 3670 in the amount of \$1120.00

Postcard

Assignee: Intel Corporation

EV331619295US

EXPRESS MAIL CERTIFICATE OF MAILING

Express Mail" mailing label number EV 331619295 US

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 26, 2003

Date of Deposit

Krista Mathieson

Name Of Person Mailing Correspondence

Krista Mathieson
Signature

June 26, 2003

Date Signed

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

HOK-KIN CHOI, ET AL.

Art Group:

Application No.:

Examiner:

Filed:

For: **FABRICATING STRUCTURES IN
MICRO-FLUIDIC CHANNELS BASED ON
HYDRODYNAMIC FOCUSING**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 3 sheets including 3 Figures. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

Respectfully submitted,
Blakely, Sokoloff, Taylor & Zafman LLP

Dated: JUNE 26, 2003

Brent E. Vecchia
Brent E. Vecchia, Reg. No. 48,011, Reg. No. 48,011

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